

Message Text

LIMITED OFFICIAL USE

PAGE 01 STATE 008378
ORIGIN FAA-00

INFO OCT-01 EUR-12 ISO-00 EB-08 EPA-01 CAB-02 CIAE-00
COME-00 DODE-00 DOTE-00 INR-07 NSAE-00 L-03
INRE-00 SS-15 SP-02 OES-07 /058 R

DRAFTED BY FAA/AIA:COARY:SP
APPROVED BY EB/OA/AVP:AJWHITE
EUR/WE:EJBEIGEL

-----129095 121535Z /43

O 121516Z JAN 78
FM SECSTATE WASHDC
TO AMEMBASSY PARIS IMMEDIATE
INFO AMEMBASSY LONDON IMMEDIATE
AMEMBASSY BRUSSELS

LIMITED OFFICIAL USE STATE 008378

BRUSSELS FOR FAA

E.O. 11652: N/A

TAGS: EAIR, FR

SUBJECT: CIVAIR: CONCORDE--US TYPE CERTIFICATE

REF: PARIS 00798

1. NEW YORK TIMES STORY ON FAA CONCORDE CERTIFICATION
WAS BASED UPON TWO PAGE BRIEFING MEMORANDUM PREPARED BY
FAA AT REQUEST OF SECRETARY OF TRANSPORTATION AS A
CONSEQUENCE OF TELEVISION PROGRAM "GOOD MORNING AMERICA"
FEATURING CONCORDE PROBLEMS AND AMPLIFYING AN ARTICLE
WHICH APPEARED EARLIER IN NEW YORK POST. SECRETARY
ADAMS WISHED DETAILED STATUS REPORT ON CONCORDE WHICH NOW
HAS SOMEHOW REACHED THE PRESS.

LIMITED OFFICIAL USE

LIMITED OFFICIAL USE

PAGE 02 STATE 008378

2. STATUS REPORT IS A FACTUAL ACCOUNT OF THE STATUS OF
CONCORDE CERTIFICATION.

3. COPIES OF REPORT HAVE BEEN PROVIDED TO BRITISH AND
FRENCH EMBASSIES HERE. FOR YOUR INFORMATION THE TEXT
FOLLOWS:

QUOTE "BRIEFING MEMORANDUM

FLIGHT STANDARDS SERVICE

JANUARY 6, 1978

SUBJECT: STATUS REPORT ON CONCORDE CERTIFICATION
SUBJ: STATUS REPORT ON CONCORDE CERTIFICATION
BACKGROUND: U.S. VALIDATION PROGRAM WAS RESURREC ED IN
MAY 1977 IN RESPONSE TO ANNOUNCED INTENTION OF BRANIFF
AIRLINES TO OPERATE THE CONCORDE.

TEAM OF REGIONAL AND HEADQUARTERS PERSONNEL WAS FORMED
TO REVIEW ALL EARLIER CERTIFICATION EFFORTS AND TO
COMPLETE THE U.S. VALIDATION PROGRAM.

THE TEAM VISITED THE BRITISH/FRENCH CONSTRUCTORS AND
AIRWORTHINESS AUTHORITIES FOR AN IN-DEPTH REVIEW OF THE
AIRCRAFT AND ALL DATA AND REPORTS. VISITS WERE MADE IN
MAY, JUNE, AUGUST, AND SEPTEMBER 1977.

THESE MEETINGS RESULTED IN CLOSING (FINDING COMPLIANCE)
WITH 129 OF THE 149 IDENTIFIED OPEN ITEMS.

LETTER TO BRITISH/FRENCH AUTHORITIES OF NOVEMBER 10,
LIMITED OFFICIAL USE

LIMITED OFFICIAL USE

PAGE 03 STATE 008378

1977, (COPY ATTACHED) ELABORATED ON THE REMAINING OPEN
ITEMS. OF THESE ITEMS, ENGINE CERTIFICATION IS NOW
CONSIDERED COMPLETE, THE CABIN AND CREW COMPARTMENT
INSPECTIONS HAVE BEEN CONDUCTED, AMENDMENT 5 TO THE
SPECIAL CONDITIONS IS READY FOR SIGNATURE, AND THE
COMPLIANCE CHECKLIST IS BEING COMPLETED.

CRITICAL ISSUES:

--FUEL SYSTEM: FAA POLICY ESTABLISHED JULY 1972 MADE
CLEAR TO BRITISH/FRENCH AUTHORITIES THAT FUEL INERTING
WAS NOT MANDATORY PROVIDED IT COULD BE SHOWN THAT
CONCORDE WOULD HAVE A LEVEL OF SAFETY EQUIVALENT TO THE
CURRENT GENERATION WIDE-BODY JETS.

--FAA TEAM HAS ANALYZED DATA FROM ANALYSIS AND TEST OF
FUEL SYSTEM AND IS SATISFIED THAT A SATISFACTORY LEVEL
OF SAFETY EXISTS.

--HYDRAULIC SYSTEM: CONCORDE HYDRAULIC SYSTEM COMPONENTS
ARE NOT COMPLETELY ISOLATED BETWEEN SYSTEMS--RAISING
QUESTION OF POSSIBLE FAILURES IN COMMON COMPONENTS.

DATA RECEIVED TO DATE RAISES QUESTIONS OF COMPLIANCE

WITH OUR SPECIAL CONDITION WITH REGARD TO THE POSSIBILITY OF SINGLE HYDRAULIC SYSTEM FAILURE CAUSING LOSS OF ALL HYDRAULIC SYSTEMS, INCLUDING FLIGHT CONTROL.

--ENGINE: CERTIFICATION OF THE OLYMPUS ENGINES IS ESSENTIALLY COMPLETE.

--CABIN AND CREW COMPARTMENT: CONFORMITY INSPECTIONS COMPLETED. SOME MINOR CHANGES, SUCH AS: PAD SHARP OBJECTS AROUND ATTENDANT SEATS, EQUIPMENT STORAGE, AND SO FORTH, WILL BE REQUIRED.

LIMITED OFFICIAL USE

LIMITED OFFICIAL USE

PAGE 04 STATE 008378

--AIRPLANE FLIGHT MANUAL: ALL DATA IS AVAILABLE FOR PREPARATION OF THE FLIGHT MANUAL; HOWEVER, IT MUST BE PREPARED IN FAA FORMAT.

--STANDBY PNEUMATIC ALTIMETER: CONSTRUCTORS HAVE AGREED TO ADD EXTRA ALTIMETER ON CAPTAIN'S PANEL. FAA HAS APPROVED LOCATION BUT NOT FINAL SYSTEM DESIGN.

--FLIGHT TESTS: FAA IS FINALIZING THE FLIGHT TEST PROGRAM. THIS WILL INCLUDE LANDING AND ACCELERATE-STOP DISTANCE DETERMINATION, A REVIEW OF IN-FLIGHT SYSTEM MALFUNCTIONS, EVALUATION OF THE PNEUMATIC ALTIMETER, AND REVIEW OF OPERATIONAL CHARACTERISTICS. TESTING IS SCHEDULED FOR MARCH IN THE U.K.

--NOISE: NPRM REGARDING SUPERSONIC NOISE HAS BEEN ISSUED. FINAL RULE EXPECTED BY APRIL 1978. RULE AS PROPOSED EXEMPTS 16 EXISTING CONCORDES.

--TAKEOFF MANEUVERING: THE 25 DEGREE BANK TURN IMMEDIATELY AFTER TAKEOFF HAS BEEN THOROUGHLY EVALUATED BY FAA AND FOUND SAFE. THE HIGH TRUST-TO-WEIGHT RATIO OF THE CONCORDE WILL PROVIDE A SATISFACTORY MARGIN OF PERFORMANCE IN THE CASE OF AN ENGINE FAILURE.

--FUEL RESERVES: THE FUEL RESERVE REQUIREMENTS FOR A U.S. OPERATOR OF THE CONCORDE WILL BE THE SAME AS OTHER JET AIRCRAFT OPERATED BY U.S. CARRIERS. THE RESERVE PRESCRIBED FOR BRITISH AIRWAYS AND AIR FRANCE HAVE BEEN APPROVED BY THEIR AUTHORITIES AND HAVE BEEN DEMONSTRATED TO BE ADEQUATE.

MANY MINOR DETAILS REMAIN TO BE COMPLETED. PROVIDED LIMITED OFFICIAL USE

LIMITED OFFICIAL USE

PAGE 05 STATE 008378

ALL CURRENT ISSUES ARE RESOLVED, CONCORDE CERTIFICATION
COULD BE COMPLETED BY APRIL 1978." UNQUOTE

4. ON BALANCE, CERTIFICATION EFFORT PROCEEDING NORMALLY
AND AS STATUS REPORT INDICATES PROGRESS IS GOOD. AS
AIRWORTHINESS REGULATIONS NOT IDENTICAL IN ALL AREAS,
CERTIFICATION TEAM MUST EVALUATE SPECIAL CONDITIONS AND
DETERMINE THAT EQUIVALENT LEVEL OF SAFETY EXISTS
WHENEVER INDICATED.

5. FAA CONTINUING ITS WORK WITH FRENCH AND BRITISH
AERONAUTICAL AUTHORITIES.

6. LONDON AND PARIS MAY PASS MEMORANDUM QUOTED ABOVE
TO APPROPRIATE AUTHORITIES. CHRISTOPHER

LIMITED OFFICIAL USE

NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01 jan 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: LANDING RIGHTS, NEGOTIATIONS, CONCORDE
Control Number: n/a
Copy: SINGLE
Draft Date: 12 jan 1978
Decaption Date: 01 jan 1960
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 20 Mar 2014
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1978STATE008378
Document Source: CORE
Document Unique ID: 00
Drafter: COCARY:SP
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Expiration:
Film Number: D780018-0665
Format: TEL
From: STATE
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1978/newtext/t19780169/aaaacgcj.tel
Line Count: 190
Litigation Code IDs:
Litigation Codes:
Litigation History:
Locator: TEXT ON-LINE, ON MICROFILM
Message ID: ed36fce3-c288-dd11-92da-001cc4696bcc
Office: ORIGIN FAA
Original Classification: LIMITED OFFICIAL USE
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 4
Previous Channel Indicators: n/a
Previous Classification: LIMITED OFFICIAL USE
Previous Handling Restrictions: n/a
Reference: 78 PARIS 798
Retention: 0
Review Action: RELEASED, APPROVED
Review Content Flags:
Review Date: 05 may 2005
Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: N/A
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 3782636
Secure: OPEN
Status: NATIVE
Subject: CIVAIR: CONCORDE--US TYPE CERTIFICATE
TAGS: EAIR, FR
To: PARIS
Type: TE
vdkgvwkey: odbc://SAS/SAS.dbo.SAS_Docs/ed36fce3-c288-dd11-92da-001cc4696bcc
Review Markings:
Sheryl P. Walter
Declassified/Released
US Department of State
EO Systematic Review
20 Mar 2014
Markings: Sheryl P. Walter Declassified/Released US Department of State EO Systematic Review 20 Mar 2014